

AMENDMENTS TO THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

1. (Currently Amended) An x-rayA diagnostic system for a device using X-radiation during examination, comprising:
 - a CCD camera;
 - a device for generating external trigger pulses; and
 - a system control, formed in such a way that, configured to control, in the absence of X-radiation, a readout of the CCD camera without a useful desired signal including image information —takes place at regular time intervals, wherein the system control is being further further formed in such a way thatconfigured to control, when an external trigger pulse occurs at a point in time at which no readout of the CCD camera is taking to take place, triggering of a read out of the CCD camera without a useful desired signal including image information is initially triggered and then subsequently triggering an exposure of the CCD camera takes place, and wherein, —when an external trigger pulse occurs at a point in time at which a readout of the CCD camera takes is to take place, a readout without a useful desired signal including image information is suppressed before an exposure of the CCD camera.

2. (Currently Amended) The ~~X-ray~~-diagnostic system as claimed in claim 1, wherein, when an external trigger pulse occurs at a point in time at which a readout of the CCD camera ~~takes~~is to take place, the X-ray diagnostic system is immediately triggered for the emission of X-radiation and the useful signal is subsequently read out.
3. (Currently Amended) The ~~X-ray~~-diagnostic system as claimed in claim 1, wherein, when an external trigger pulse occurs at a point in time at which no readout of the CCD camera ~~takes~~is to take place, a readout without a useful signal is initially carried out and then the X-ray diagnostic system is subsequently triggered for the emission of X-radiation via an X-ray emitter.
4. (Currently Amended) The ~~X-ray~~-diagnostic system as claimed in claim 1, wherein the device for generating external trigger pulses is an ECG electrode.
5. (Currently Amended) The ~~X-ray~~-diagnostic system as claimed in claim 1, wherein the device for generating external trigger pulses is a phase-angle sensor.
6. (Currently Amended) The ~~X-ray~~-diagnostic system as claimed in claim 2, wherein, when an external trigger pulse occurs at a point in time at which no readout of the CCD camera ~~takes~~is to take place, a readout without a useful signal is initially carried out and then the X-ray diagnostic system is subsequently triggered for the emission of X-radiation via an X-ray emitter.

7. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 2, wherein the device for generating external trigger pulses is an ECG electrode.
8. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 3, wherein the device for generating external trigger pulses is an ECG electrode.
9. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 6, wherein the device for generating external trigger pulses is an ECG electrode.
10. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 2, wherein the device for generating external trigger pulses is a phase-angle sensor.
11. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 3, wherein the device for generating external trigger pulses is a phase-angle sensor.
12. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 4, wherein the device for generating external trigger pulses is a phase-angle sensor.
13. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 6, wherein the device for generating external trigger pulses is a phase-angle sensor.
14. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 7, wherein the device for generating external trigger pulses is a phase-angle sensor.

15. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 8, wherein the device for generating external trigger pulses is a phase-angle sensor.
16. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 9, wherein the device for generating external trigger pulses is a phase-angle sensor.
17. (Currently Amended) An X-ray^A diagnostic system for a device using X-radiation during examination, comprising:
a CCD camera;
means for generating an external trigger pulse; and
means for, when an external trigger pulse is generated at a time when no readout of the CCD camera is taking to take place, providing a readout of the CCD camera without a useful desired signal including image information before an exposure of the CCD camera, and for, when an external trigger pulse is generated at a time when a readout of the CCD camera is taking to take place, uppressing a readout without a useful desired signal including image information before an exposure of the CCD camera.
18. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 17, wherein the diagnostic system is for a device using X-radiation during examination and wherein the means for providing is formed in such a way that configured such that, in the absence of X-radiation, a readout of the CCD camera without a useful signal takes place at regular time intervals.
19. (Currently Amended) The ~~x-ray~~ diagnostic system as claimed in claim 17, wherein, when an external

trigger pulse occurs at a point in time at which a readout of the CCD camera ~~takes~~is to take place, the X-ray diagnostic system is immediately triggered for the emission of X-radiation and the useful signal is subsequently read out.

20. (Currently Amended) The ~~X-ray~~ diagnostic system as claimed in claim 17, wherein, when an external trigger pulse occurs at a point in time at which no readout of the CCD camera ~~takes~~is to take place, a readout without a useful signal is initially carried out and then the X-ray diagnostic system is subsequently triggered for the emission of X-radiation via an X-ray emitter.
21. (New) The diagnostic system as claimed in claim 1, wherein the external trigger pulses are generated in a non-predetermined fashion.
22. (New) The diagnostic system as claimed in claim 1, wherein the external trigger pulses are generated in a non-periodic fashion.
23. (New) The diagnostic system as claimed in claim 17, wherein the external trigger pulses are generated in a non-predetermined fashion.
24. (New) The diagnostic system as claimed in claim 17, wherein the external trigger pulses are generated in a non-periodic fashion.